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ODP 81-847
2 July 1981

MEMORANDUM FOR: Chairman, Building Planning Committee

25X1   FROM:

ODP Representative

SUBJECT: Building Requirements

REFERENCE: Memo fm Chief, Building Planning Staff, OL,
                  dtd 6 May 1981, Subject: Project Organization

        1.   In response to your request to identify the scope of
the requirements for a new building at the Headquarters site, the
following information is provided.

        2.   The answers are in response to your questions in
paragraph 4 of the reference.

        a.   Question 4a.: Preliminary studies have assumed that all
components presently in leased space or in the E Street complex
would move to the Langley compound.

        (1)   Are there components in these spaces that could not or
should not move to Langley? Identify the organization.

        (2)   Are there elements not covered by this planning assumption
that should move to Langley, e.g., elements at [   ]   25X1
25X1   [   ] etc? Identify the organization.

Answer

        Currently, four operational elements of ODP have people located
in non-Headquarters facilities in the Washington area:

        1.   The Applications Divisions and Training Staff in [   ]   25X1
All of the Applications Components (Front Office, Divisions A,
B, C, D and the Training Staff) with the possible exception of 'A'
Division should return to Headquarters. 'A' Division presents a
somewhat unique situation because of its heavy dependence on sub-
stantial contractor support. In the 1987 time frame the COMIREX
Automated Support System (CAMS) support in 'A' Division will consist
25X9   of approximately [   ] full and part time staff personnel and over [   ]   25X9

25X1

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software development contractors. It is vital that both staff and contractors be co-located. The preference is to locate all at Headquarters. However, if facilities for all the contractors can not be made available in Headquarters, then the entire team (staff and contractors) would be located at a contractor site.

2.   The Special Projects Staff (SPS) in Ames. SPS has already requested space in Headquarters so they may be close to the SAFE Center when that system becomes operational in 1983.

3.   Production Division provides a data entry service in Key to support OF functions. Assuming that OF personnel in Key would come to Headquarters, the data entry function would follow.

4.   Operations Division currently provides machine operator support to [____] and Ames and will soon extend this support to [_____] Under the assumption that these buildings will be vacated, there would be no need to continue remote support.

25X1
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b.   Question 4b.: Provide estimates of Headquarters ceiling for 1987 and circa 2000. To the extent possible, indicate organizational areas of expected growth/reduction.

Answer

In addition to anticipated full time ceiling strength in 1987 and 2000, we have included estimates for part time, co-op and onsite contractor support as well since these are such significant figures.

25X9

Full time staff
Part time staff
Onsite contractors
Co-ops (average)

Estimates are based on existing budget projections and historical growth rates.

c.   Question 4c.: Provide a description of Headquarters machine support expected by 1987 and circa 2000. Estimates of number of terminals, processors, special purpose centers, storage capacities, etc., will be helpful in designing environmental support systems.

Answer

1.   Terminals. Included in this category of machine support are alpha-numeric and graphic CRTs, small printers and plotters.

1981	1987	2000
300	600	900

Terminals that are located within ODP central computing centers and those devices being used by off-site contractors are not included.

2. Central Computing Centers

   a. Existing Headquarters Centers

   This includes the current facilities of GC03 and 1D16 [   ] , GC47 (Special Center) and GExx (SAFE Center). Attachment A details these requirements.

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   b. Probable New Headquarters Facilities

   A consolidation at Headquarters would probably result in the location of the following facilities in an ODP central facility.

   o   The 4C system planned for [   ]   **25X1**
   o   The ORD Computer Center at Ames

   Space requirements for these two additional systems are:

	1981	1987	2000
4C			
ORD			

25X1 (left margin)

   c.   There are a number of additional out-building facilities that could be consolidated into ODP Headquarters space if subsequent investigation indicates that operational efficiencies would result.

   Some candidates:

   The FAR system in OL
   The OT&E Computer Center
   [   ] facilities at Key
   OTS facilities

25X1 (left margin)

   d.   In addition, ODP is planning to provide hardware to support the new CDS system for OC. Anticipated space requirements for this service are:

Initial	1987	2000

25X1

3. Distributed Data Access/Output Facilities

   Currently, ODP provides a single such facility in 4F50. In the 1987 time frame we should provide a similar service

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on each floor of each Headquarters building. NFAS has a requirement to provide SAFE regional output facilities on each floor of Headquarters building. It is assumed that each distributed facility would satisfy both SAFE and ODP activities.

4.   Data Entry Facilities

In addition to the two existing Headquarters sites in GE72 and 6E2910 the 510 Key facility would have to be accommodated in Headquarters.
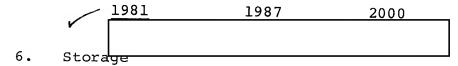
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5.   Equipment Maintenance/Repair Facilities

a.   Teleprocessing Support

Space to house maintenance/repair vendors, spares and equipment is a function of the total number of CRTs supported. Experience indicates that 150 square feet per 100 CRTs is required.

b.   Space requirements to house computer hardware vendors, spares and test equipment is as follows:
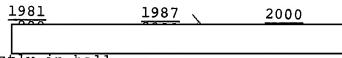
1981	1987	2000

25X1

6.   Storage

a.   Environment Controlled (paper, tapes, etc.)

1981	1987	2000

25X1

b.   Normal

1981	1987	2000

25X1

*Scattered, mostly in hallways

3.   Supplemental Information

Engineering Division of ODP is preparing a paper that will offer suggestions and recommenations relative to computer facilities. These observations will be based on substantial experience in configuring and servicing ODP computer centers over the years. It will cover floors to ceilings and virtually everything in between. This paper should be ready by 10 July.

25X1.

Att: a/s

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